

ABSTRACT

A method for preparing carpet by using polyurethane foam to anneal secondary backing to a greige, comprising fibers attached to a primary backing. The polyurethane monomers are mixed just prior to application to the greige primary backing allowing the relatively low viscosity polyurethane to penetrate the fibers of the primary backing to aid in fiber lock. The polyurethane coated greige is then contacted with the secondary backing before complete polymerization to insure sufficient tack to hold the backings together. Sufficient water is applied through application of steam after the polyurethane components are applied to the greige to completely cure the polyurethane without a curing oven.